

## MS-500 - Microsoft 365 Certified: Security Administrator Associate

This course composed of 4 modules is designed for IT Professionals who manage and deploy security technologies for Microsoft 365 in their organization.

These courses help learners prepare for the « Microsoft 365 Certified: Security Administrator Associate exam (MS-500) ».

Become Microsoft Certified		
Microsoft 365		
	Last Updated October 2020	
Fundamentals Master the basics	Role-based Expand your technical skill set	
<b>Microsoft 365 Fundamentals</b> MS-900	<b>Developer Associate</b> MS-600	<b>Messaging Administrator Associate</b> MS-203
	<b>Modern Desktop Administrator Associate</b> MD-100 + MD-101	<b>Security Administrator Associate</b> MS-500
	<b>Teams Administrator Associate</b> MS-700	<b>Enterprise Administrator Expert</b> MS-100 + MS-101

### 1. MS-500 - Microsoft 365 Security Administrator

#### Overview

These courses help learners prepare for the Microsoft 365 Certified: Security Administrator Associate exam (MS-500). This course is composed of 4 modules including lessons and practical work (lab).

#### 1.1. Managing Microsoft 365 Identity and Access

Help protect against credential compromise with identity and access management. In this part students will learn how to secure user access to your organization's resources. Specifically, this course covers user password protection, multi-factor authentication, how to enable Azure Identity Protection, how to configure Active Directory federation services, how to setup and use Azure AD Connect, and introduces you to Conditional Access. They will also learn about solutions for managing external access to their Microsoft 365 system.

#### 1.2. Implementing Microsoft 365 Threat Protection

Threat protection helps stop damaging attacks with integrated and automated security. In this part students will learn about threat protection technologies that help protect your Microsoft 365 environment. Specifically, they will learn about threat vectors and Microsoft's security solutions for them. They will learn about Secure Score, Exchange Online protection, Azure Advanced Threat Protection, Windows Defender Advanced Threat Protection, and how to use Microsoft 365 Threat Intelligence. It also discusses securing mobile devices and applications. The goal of this course is to help them configure their Microsoft 365 deployment to achieve your desired security posture.

### 1.3. Implementing Microsoft 365 Information Protection (Module 3 - MS-500T03)

Information protection is the concept of locating and classifying data anywhere it lives. In this part students will learn about information protection technologies that help secure your Microsoft 365 environment. Specifically, this course discusses information rights managed content, message encryption, as well as labels, policies and rules that support data loss prevention and information protection. Lastly, the course explains the deployment of Microsoft Cloud App Security.

### 1.4. Administering Microsoft 365 Built-in Compliance (Module 4 - MS-500T04)

Internal policies and external requirements for data retention and investigation may be necessary for your organization. In this course you will learn about archiving and retention in Microsoft 365 as well as data governance and how to conduct content searches and investigations. Specifically, this part covers data retention policies and tags, in-place records management for SharePoint, email retention, and how to conduct content searches that support eDiscovery investigations. The part also helps organization prepare for Global Data Protection Regulation (GDPR).

#### Target Audience

This course was designed for IT Professionals who manage and deploy security technologies for Microsoft 365 in their organization.

#### Objectives :

After completing this course, students should be able to:

- Administer user and group security in Microsoft 365.
- Manage passwords in Microsoft 365.
- Describe Azure Identity Protection features.
- Plan and implement Azure AD Connect.
- Manage synchronized identities.
- Plan implement federated identities.
- Describe and use conditional access.
- Describe cyber-attack threat vectors.
- Describe security solutions for Microsoft 365
- Use Microsoft Secure Score to evaluate your security posture.
- Use the Security Dashboard in the Microsoft Security & Compliance center.
- Configure various advanced threat protection services for Microsoft 365.
- Configure Advanced Threat Analytics.
- Plan and deploy Mobile Device Management.
- Implement information rights management.
- Secure messages in Office 365.
- Configure Data Loss Prevention policies.
- Deploy and manage Cloud App Security.
- Implement Azure information protection for Microsoft 365.
- Implement Windows information protection for devices.
- Plan and deploy a data archiving and retention system.
- Perform assessments in Compliance Manager.
- Manage email retention through Exchange.
- Conduct an audit log investigation.
- Create and manage an eDiscovery investigation.
- Manage GDPR data subject requests.

#### Prerequisites

Learners should start this course already having the following skills:

- Basic conceptual understanding of Microsoft Azure.
- Experience with Windows 10 devices.
- Experience with Office 365.
- Basic understanding of authorization and authentication.
- Basic understanding of computer networks.
- Working knowledge of managing mobile devices.

**Duration and Price**

Course	Jours	CHF	CHF/j
MS-500 - Microsoft 365 Security Administrator	4	3'000.-	750.-

selon conditions générales. Le prix comprend toute la documentation distribuée.  
Les cours se déroulent de 9 h 00 à 12 h 00 et 13 h 30 à 17 h 00

